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FISH & RICHARDSON P.C.  
CHRIS T. MIZUMOTO  
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NEW YORK, NEW YORK 10111



\*101939629A\*

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ASSIGNOR:  
MANDAI, TADAO

DOC DATE: 12/20/2001

ASSIGNOR:  
IKEDA, KENJI

DOC DATE: 12/20/2001

ASSIGNEE:  
SANYO ELECTRIC CO., LTD.  
5-5, KEIHANHONDORI 2-CHOME,  
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OSAKA 570-8677, JAPAN

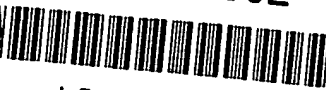
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Tadao Mandai and Kenji Ikeda

Additional name(s) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies):

Sanyo Electric Co., Ltd.  
5-5, Keihanondori 2-chome,  
Moriguchi-shi, Osaka 570-8677  
JapanAdditional names/addresses attached? ☐ Yes ☒ No

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- ☒ Assignment  
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Execution Date: 12/20/2001

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If this document is being filed with a new application, the execution date of the application is: 12/20/2001

A. Patent Application No(s):

B. Patent No(s):

Additional numbers attached? ☐ Yes ☒ No

10/032936

5. Name/address of party to whom correspondence concerning document should be mailed:

CHRIS T. MIZUMOTO  
Fish & Richardson P.C.  
45 Rockefeller Plaza, Suite 2800  
New York, New York 10111

6. Total number of applications/patents involved: 1

7. Total fee (37 CFR §3.41): \$40

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## Assignment

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配慮の故に、文末に署名した者は、

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(発明の名称)

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sufficiency of which are hereby acknowledged, the  
undersigned hereby assign(s) over to:

**SANYO ELECTRIC CO., LTD.**

Having the address:

**5-5, Keihan Hondori 2-chome,  
Moriguchi-shi, Osaka, Japan**

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applications for patent and any Letters Patent which  
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Attorney Docket no.:

for the which the undersigned has/have executed an  
application for patent in the United States of  
America on the same day herewith. Where this  
instrument is not filed concurrently with the applica-  
tion, the following identifying information may be  
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シリアル・ナンバー

登録年月日:

Serial No.

Filing Date:

## Assignment

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1. The undersigned hereby agree(s) to sign and execute any further documents and instruments which may be necessary, lawful and proper in the prosecution of said above-nmaed application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reexamination or reissue application or in any amendments, extension of interference proceedings, or otherwise secure the title thereto to the ASSIGNEE.

2. The undersigned hereby agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property of similar agreements.

3. The undersigned hereby agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the ASSIGNEE.

4. The undersigned hereby authorize(s) and request(s) teh Commisioner of Patents in the United States to issue any and all Letters Patents resulting from the said application or any division or divisions or continuing application thereof to the ASSIGNEE.

5. The undersigned hereby grant(s) to the firm of Fish & Richardson P.C. the power to insert on this agreement any further identification which may be necessary or desirable in order to comply with the rules of the United States patent and Trademark Office for recordation of this document.

## Assignment

譲渡

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IN WITNESS THEREBY, executed by the undersigned  
on the date(s) opposite the undersigned Name(s)

年月日	氏名(楷書):	20/December 2001	<u>Tadao Manda</u> Date Typed Name Tadao Manda
年月日	氏名(楷書):	20/December 2001	<u>Kenji Ikeda</u> Date Typed Name Kenji Ikeda
年月日	氏名(楷書):	Date	Typed Name
年月日	氏名(楷書):	Date	Typed Name
年月日	氏名(楷書):	Date	Typed Name
年月日	氏名(楷書):	Date	Typed Name

以上を確認のうえで、下記の者が下記の氏名に並んで記  
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This assignment may be signed before a U.S. notary  
Public or before at least two witnesses who also sign  
here:

年月日	氏名(楷書):	Date	Typed Name
年月日	氏名(楷書):	Date	Typed Name